Form PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 7-80) PATENT AND TRADEMARK OFFICE LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)	ATTORNEY DOCKET NO.: 14114.0332U3	SERIAL NO. 09/826,115
	APPLICANT: Chang	
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,514,375	05/07/96	Paoletti et al.	424	199.1	
	AB	5,494,671	02/27/96	Lai et al.	424	218.1	
	AC	5,229,293	07/20/93	Matsuura et al.	435	320.1	
	AD	5,021,347	06/04/91	Yasui et al.	435	235	
	[redacted]						

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	AF	WO 99/63095	12/09/99	PCT			
	AG	WO 93/06214	04/01/93	PCT			
	AH	WO 92/03545	03/05/92	PCT			
	AI	WO 90/01946	03/08/90	PCT			

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AJ	Abstract, Japanese Patent Publication No. JP 05276941 "Non-infective structure particle preparation, useful as vaccine - by infecting preliminary flavivirus infected cell with cDNA integrated recombinant vaccinia virus, and then separating non-infective structure particles containing E protein of flavivirus," (October 26, 1993)
	AK	Deubel et al., Nucleotide Sequence and Deduced Amino Acid Sequence of the Nonstructural Proteins of Dengue Type 2 Virus, Jamaica Genotype: Comparative Analysis of the Full-Length Genome. *Virol.* 165: 234-244 (1988)
	AL	Davis et al., West Nile Virus Recombinant DNA Vaccine Protects Mouse and Horse from Virus Challenge and Expresses in Vitro a Noninfectious Recombinant Antigen That Can Be Used in Enzyme-linked Immunosorbent Assays. *J. Virol.* 75(9): 4040-4047 (2001) (published on-line April 4, 2001)
	AM	Konishi et al., Generation and Characterization of a Mammalian Cell Line Continuously Expressing Japanese Encephalitis Virus Subviral Particles. *J. Virol.* 75(5): 2204-2212 (2001)
	AN	[redacted]
	AO	Chang et al., A Single Intramuscular Injection of Recombinant Plasmid DNA Induces Protective Immunity and Prevents Japanese Encephalitis in Mice. *J. Virol.* 74(9):4244-4252 (2000)
	AP	Garmendia et al., Recovery and Identification of West Nile Virus from a Hawk in Winter. *J. Clin. Microbiol.* 38(8): 3110-3111 (2000)

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	AQ	Johnson et al., Detection of Anti-Arboviral Immunoglobulin G by Using a Monoclonal Antibody-Based Capture Enzyme-Linked Immunosorbent Assay. *J. Clin. Microbiol.* 38(5): 1827-1831 (2000)
	AR	Martin et al., Standardization of Immunoglobulin M Capture Enzyme-Linked Immunosorbent Assays for Routine Diagnosis of Arboviral Infections. *J. Clin. Microbiol.* 38(5): 1823-1826 (2000)
	AS	Update: Surveillance for West Nile Virus in Overwintering Mosquitos --- New York, 2000. *Morb. Mortal. Wkly. Rep.* 49(09): 178-179 (Mar. 10, 2000)
	AT	Update: West Nile Virus Activity --- Northeastern United States, 2000. *Morb. Mortal. Wkly. Rep.* 49(36): 820-822 (Sept. 15, 2000)
	AU	Aberle et al., A DNA Immunization Model Study with Constructs Expressing the Tick-Borne Encephalitis Virus Envelope Protein E in Different Physical Forms. *J. Immunol.* 163: 6756-6761 (1999)
	AV	Anderson et al., Isolation of West Nile Virus from Mosquitoes, Crows, and a Cooper's Hawk in Connecticut. *Science* 286: 2331-2333 (Dec. 17, 1999)
	AW	Azevedo et al., Main features of DNA-based immunization vectors. *Braz. J. Med. Biol. Res.* 32(2): 147-153 (1999)
	AX	Jia et al., Genetic analysis of West Nile New York 1999 encephalitis virus. *Lancet* 354: 1971-1972 (Dec. 4, 1999)
	AY	[redacted]
	AZ	Mir et al., High-efficiency gene transfer into skeletal muscle mediated by electric pulses. *Proc. Nat. Acad. Sci. USA* 96: 4262-4267 (1999)
	BA	Ho et al. DNA vaccination induces a long-term antibody response and protective immunity against pseudorabies virus in mice. *Arch. Virol.* 143: 115-125 (1998)
	BB	Konishi et al., Induction of Protective Immunity against Japanese Encephalitis in Mice by Immunization with a Plasmid Encoding Japanese Encephalitis Virus Premembrane and Envelope Genes. *J. Virol.* 72(6):4925-4930 (June 1998)
	BC	Kuno et al., Phylogeny of the Genus *Flavivirus*. *J. Virol.* 72(1): 73-83 (Jan. 1998)
	BD	Lin et al., DNA Immunization with Japanese Encephalitis Virus Nonstructural Protein NS1 Elicits Protective Immunity in Mice. *J. Virol.* 72(1): 191-200 (Jan 1998)
	BE	Klinman et al., CpG motifs as immune adjuvants. *Vaccine* 17: 19-25 (1999)
	BF	Kochel et al. Inoculation of plasmids expressing the dengue-2 envelope gene elicit neutralizing antibodies in mice. *Vaccine* 15(5): 547-552 (1997)
	BG	Wang et al., Immune Response to Neonatal Genetic Immunization. *Virology* 228: 278-284 (1997)
	BH	Dmitriev et al., Immunization with recombinant vaccinia viruses expressing structural and part of the nonstructural region of tick-borne encephalitis virus cDNA protect mice against lethal encephalitis. *J. Biotechnol.* 44: 97-103 (1996)
	BI	Hennessy et al., Effectiveness of live-attenuated Japanese encephalitis vaccine (SA14-14-2): a case-control study. *Lancet* 347: 1583-1586 (1996)
	BJ	Phillpotts et al., Immunization with DNA polynucleotides protects mice against lethal challenge with St. Louis encephalitis virus. *Arch. Virol.* 141: 743-749 (1996)
	BK	Sato et al., Immunostimulatory DNA Sequences Necessary for Effective Intradermal Gene Immunization. *Science* 273: 352-354 (1996)
	BL	Allison et al., Synthesis and Secretion of Recombinant Tick-Borne Encephalitis Virus Protein E in Soluble and Particulate Form. *J. Virol.* 69(9): 5816-5820 (Sept 1995)
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	BO	Venugopal et al., Immunity to St. Louis encephalitis virus by sequential immunization with recombinant vaccinia and baculovirus derived PrM/E proteins. *Vaccine* 13(11): 1000-1005 (1995)
	BP	Mandl et al., Complete Genomic Sequence of Powassan Virus: Evaluation of Genetic Elements in Tick-Borne Versus Mosquito-Borne Flaviviruses. *Virology* 194: 173-184 (1993)
	BQ	Konishi et al., Mice Immunized with a Subviral Particle Containing the Japanese Encephalitis Virus prM/M and E Proteins Are Protected from Lethal JEV Infection. *Virology* 188: 714-720 (1992)
	BR	Wolff et al., Long-term persistence of plasmid DNA and foreign gene expression in mouse muscle. *Hum. Mol. Genet.* 1(6): 363-369 (Sept. 1992)
	BS	Konishi et al., Comparison of Protective Immunity Elicited by Recombinant Vaccinia Viruses That Synthesize E or NS1 of Japanese Encephalitis Virus. *Virology* 185: 401-410 (1991)
	BT	Mason et al., Japanese Encephalitis Virus-Vaccinia Recombinants Produce Particulate Forms of the Structural Membrane Proteins and Induce High Levels of Protection against Lethal JEV Infection. *Virology* 180: 294-305 (1991)
	BU	Falgout et al., Immunization of Mice with Recombinant Vaccinia Virus Expressing Authentic Dengue Virus Nonstructural Protein NS1 Protects Against Lethal Dengue Virus Encephalitis. *J. Virol.* 64(9): 4356-4363 (1990)
	BV	Nitayaphan et al., Nucleotide Sequence of the Virulent SA-14 Strain of Japanese Encephalitis Virus and Its Attenuated Vaccine Derivative, SA-14-14-2. *Virology* 177: 541-552 (1990)
	BW	Osatomi and Sumiyoshi, Complete Nucleotide Sequence of Dengue Type 3 Virus Genome RNA. *Virology* 176:643-647 (1990)
	BX	Bray et al., Mice Immunized with Recombinant Vaccinia Virus Expressing Dengue 4 Virus Structural Proteins with or without Nonstructural Protein NS1 Are Protected Against Fatal Dengue Virus Encephalitis. *J. Virol.* 63(6): 2853-2856 (1989)
	BY	Falgout et al., Proper Processing of Dengue Virus Nonstructural Glycoprotein NS1 Requires the N-terminal Hydrophobic Signal Sequence and the Downstream Nonstructural Protein NS2a. *J. Virol.* 63(5): 1852-1860 (1989)
	BZ	Roehrig et al., Synthetic Peptides Derived from the Deduced Amino Acid Sequence of the E-Glycoprotein of Murray Valley Encephalitis Virus Elicit Antiviral Antibody. *Virology* 171: 49-60 (1989)
	CA	Zhang et al., Passive Protection of Mice, Goats, and Monkeys Against Japanese Encephalitis With Monoclonal Antibodies. *J. Med. Virol.* 29: 133-138 (1989)
	CB	Hahn et al. Nucleotide Sequence of Dengue 2 RNA and Comparison of the Encoded Proteins with Those of Other Flaviviruses. *Virology* 162: 167-180 (1988)
	CC	Hashimoto et al. Molecular Cloning and Complete Nucleotide Sequence of the Genome of Japanese Encephalitis Virus Beijing-1 Strain. *Virus Genes* 1(3): 305-317 (1988)
	CD	Osatomi et al., Nucleotide Sequence of Dengue Type 3 Virus Genomic RNA Encoding Viral Structural Proteins. *Virus Genes* 2(1): 99-108 (1988)
	CE	Zhang et al., Immunization of Mice with Dengue Structural Proteins and Nonstructural Protein NS1 Expressed by Baculovirus Recombinant Induces Resistance to Dengue Virus Encephalitis. *J. Virol.* 62(8): 3027-3031(1988)
	CF	Mackow et al., The Nucleotide Sequence of Dengue Type 4 Virus: Analysis of Genes Coding for Nonstructural Proteins. *Virology* 159: 217-228 (1987)
	CG	Sumiyoshi et al. Complete Nucleotide Sequence of the Japanese Encephalitis Virus Genome RNA. *Virology* 161: 497-510 (1987)
	CH	Trent et al., Partial Nucleotide Sequence of St. Louis Encephalitis Virus RNA: Structural Proteins, NS1, ns2a, and ns2b. *Virology* 156: 293-304 (1987)

✓	CI	Zhao et al., Expression of Dengue Virus Structural Proteins and Nonstructural Protein NS_1 by a Recombinant Vaccinia Virus. *J. Virol.* 61(12): 4019-4022 (1987)
	CJ	Deubel et al., Nucleotide Sequence and Deduced Amino Acid Sequence of the Structural Proteins of Dengue Type 2 Virus, Jamaica Genotype. *Virology* 155: 365-377 (1986)
	CK	Kimura-Kuroda et al., Antigenic Comparison of Envelope Protein E between Japanese Encephalitis Virus and Some Other Flaviviruses Using Monoclonal Antibodies. *J. Gen. Virol.* 67: 2663-2672 (1986)
	CL	Zhao et al., Cloning Full-Length Dengue Type 4 Viral DNA Sequences: Analysis of Genes Coding for Structural Proteins. *Virology* 155: 77-88 (1986)
	CM	Rice et al., Nucleotide Sequence of Yellow Fever Virus: Implications for Flavivirus Gene Expression and Evolution. *Science* 229: 726-733 (1985)
	CN	Seeger et al., The cloned genome of ground squirrel hepatitis virus is infectious in the animal. *Proc. Natl. Acad. Sci. USA* 81(18): 5849-5852 (Sep 1984)
	CO	Kimura-Kuroda et al., Topographical Analysis of Antigenic Determinants on Envelope Glycoprotein V3 (E) of Japanese Encephalitis Virus, Using Monoclonal Antibodies. *J. Virol.* 45(1): 124-132 (1983)
	CP	Roehrig et al., Identification of Epitopes on the E Glycoprotein of Saint Louis Encephalitis Virus Using Monoclonal Antibodies. *Virology* 128: 118-126 (1983)
	CQ	Hunt and Calisher, Relationships of Bunyamwera Group Viruses by Neutralization. *Amer. J. Trop. Med. Hyg.* 28(4): 740-749 (1979)

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	APPLICANT: Chang	
	FILING DATE: April 4, 2001	**GROUP:** ~~Unassigned~~ 1648

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	B1	6,165,477	12/26/00	Ivy *et al.*			

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OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	B2	Alvarez *et al.* A Phase I Study of Recombinant Adenovirus Vector-Mediated Delivery of an Anti-erbB-2 Single-Chain (sFv) Antibody Gene for Previously Treated Ovarian and Extraovarian Cancer Patients. *Hum. Gene Ther. 8:229-242 (January 20, 1997)*
	B3	Selay. The Choice of Carrier. *Synthetic Vaccines Volume I* (edited by Arnon) CRC Press Inc., Boca Raton, FL. pp. 83-92 (1987)
	B4	Clarke *et al.* Techniques For Hemagglutination And Hemagglutination-Inhibition With Arthropod-Borne Viruses. *Amer. J. Trop. Med. and Hyg.* 7:561-573 (1958)
	B5	Gruenberg *et al.* Partial Nucleotide Sequence and Deduced Amino Acid Sequence of the Structural Proteins of Dengue Virus Type 2, New Guinea C and PUO-218 Strains. *J. Gen. Virol.* 69:1391-1398 (1988)
	B6	Heinz *et al.* Flaviviruses. *Immunochemistry of Viruses II: The Basis for Serodiagnosis and Vaccines* (edited by von Regenmortel and Neurath) Elsevier Science Publishers Chapter 14, pp. 289-305 (1990)
	B7	Henchal *et al.* Dengue Virus-Specific And Flavivirus Group Determinants Identified With Monoclonal Antibodies By Indirect Immunofluorescence. *Amer. J. Trop. Med. Hyg.* 31:830-836 (1982)
	B8	Hubálek *et al.* West Nile Fever-a Reemerging Mosquito-Borne Viral Disease in Europe. *Emerg. Infect. Dis.* 5(5):643-650 (1999)
	B9	Kohler *et al.* Continuous cultures of fused cells secreting antibody of predefined specificity. *Nature* 256:495-497 (August 7, 1975)
	B10	Konishi *et al.* Avipox virus-vectored Japanese encephalitis virus vaccines: use as vaccine candidates in combination with purified subunit immunogens. *Vaccine* 12(7):633-638 (1994)
	B11	Kozak. Circumstances and Mechanisms of Inhibition of Translation by Secondary Structure in Eucaryotic mRNAs. *Mol. Cell. Biol.* 9(11):5134-5142 (November 1989)
	B12	Laemmli. Cleavage of Structural Proteins during the Assembly of the Head of Bacteriophage T4. *Nature* 277:680-685 (August 15, 1970)

	B13	Lai *et al.* Immunization of Monkeys with Baculovirus Recombinant-expressed Dengue Envelope and NS1 Glycoproteins Induces Partial Resistance to Challenge with Homotypic Dengue Virus. In *Vaccines 90: Modern Approaches to New Vaccines including Prevention of AIDS*, Cold Spring Harbor Laboratory, Cold Springs Harbor, NY pp. 119-124 (1990)
	B14	Mason *et al.* Sequence of the Dengue-1 Virus genome in the Region Encoding the Three Structural Proteins and the Major Nonstructural Protein NS1. *Virology* 161:262-267 (1987)
	B15	Smithburn *et al.* A Neurotropic Virus Isolated From The Blood Of A Native Of Uganda. *Am. J. Trop. Med. Hyg.* 20:471-492 (1940)
	B16	Tardei *et al.* Evaluation of Immunoglobulin M (IgM) and IgG Enzyme Immunoassays in Serologic Diagnosis of West Nile Virus Infection. *J. Clin. Microbiol.* 38(6):2232-2239 (June 2000)
	B17	Tsai *et al.* Japanese Encephalitis Vaccines. In *Vaccines*, (3rd edition) (edited by Plotkin and Orenstein), W.B. Saunders Company, Philadelphia, PA. Chapter 27, pp. 672-710 (1999)
	B18	Tsai et al. Japanese Encephalitis Vaccines. In *Vaccines*, (2nd edition) (edited by Plotkin and Mortimer), W.B. Saunders Co., Philadelphia, PA. Chapter 24, pp. 671-713 (1994)
	B19	Yang *et al.* A p300/CBP-associated factor that competes with the adenoviral oncoprotein E1A. *Nature* 382:319-324 (July 25, 1996)

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